ELSEVIER

Gait and Posture 7 (1998) 267–268

GAIT & POSTURE

Author index

Volume 7 (1998)

Alexander, N.B., see Cao, C. 7, 45
Alexander, N.B., see Speers, R.A. 7, 207
Ashton-Miller, J.A., see Cao, C. 7, 45
Ashton-Miller, J.A., see Speers, R.A. 7, 207

Barbier, F., see Loslever, P. 7, 39
Bastian, A.J., see Mueller, M.J. 7, 200
Begg, R.K., W.A. Sparrow, N.D. Lythgo, Time-domain analysis of foot–ground reaction forces in negotiating obstacles 7, 99
Berger, W., see Hauglustaine, S. 7, 16
Bronstein, A., see Lekhel, H. 7, 228

Cao, C., A.B. Schultz, J.A. Ashton-Miller, N.B. Alexander, Sudden turns and stops while walking: kinematic sources of age and gender differences 7, 45
Casey Kerrigan, D., R. S. Roth, P.O. Riley, The modelling of adult spastic paretic stiff-legged gait swing period based on actual kinematic data 7, 117
Cavanagh, P.R., J.E. Perry, J.S. Ulbrecht, J.A. Derr, S.E. Pammer, Neuropathic diabetic patients do not have reduced variability of plantar loading during gait 7, 191

Derr, J.A., see Cavanagh, P.R. 7, 191
Dodd, K.J., M.E. Morris, T.A. Matyas, T.V. Wrigley, P.A. Goldie, Lateral pelvic displacement during walking: retest reliability of a new method of measurement 7, 243
Duysens, J., H.W. Van de Crommert, Neural control of locomotion; Part 1: The central pattern generator from cats to humans 7, 131
Duysens, J., see Hauglustaine, S. 7, 16
Duysens, J., see Van de Crommert, H.W. 7, 251

Flynn, T.W., see van Deursen, R.W. 7, 214
Fransson, P.-A., M. Magnusson, R. Johansson, Analysis of adaptation in anteroposterior dynamics of human postural control 7, 64
Friege, L., see Stolze, H. 7, 125

Goldie, P.A., see Dodd, K.J. 7, 243
Gresty, M., see Lekhel, H. 7, 228
Grimshaw, P.N., P. Marques-Bruna, A. Salo, N. Messenger, The 3-dimensional kinematics of the walking gait cycle of children aged between 10 and 24 months: cross sectional and repeated measures 7, 7

Hauglustaine, S., W. Berger, J. Duysens, Selective activation of MG in sural nerve reflexes during hopping, running and walking 7, 16

Johansson, R., see Fransson, P.-A. 7, 64
Jöhnk, K., see Stolze, H. 7, 125

Kamman, E.H., see Savelberg, H.H. 7, 26
Krebs, D.E., see McGibbon, C.A. 7, 237
Kuhtz-Buschbeck, J.P., see Stolze, H. 7, 125

Lanshammar, H., see Stokes, V.P. 7, 35
Lekhel, H., K. Popov, A. Bronstein, M. Gresty, Postural responses to vibration of neck muscles in patients with uni- and bilateral vestibular loss 7, 228
Loslever, P., F. Barbier, Multivariate graphical presentation for gait rehabilitation study 7, 39
Lythgo, N.D., see Begg, R.K. 7, 99

Magnusson, M., see Fransson, P.-A. 7, 64
Marques-Bruna, P., see Grimshaw, P.N. 7, 7
Matyas, T.A., see Dodd, K.J. 7, 243
McCrory, J.L., see van Deursen, R.W. 7, 214
McGibbon, C.A., D.E. Krebs, The influence of segment endpoint kinematics on segmental power calculations 7, 237
Messenger, N., see Grimshaw, P.N. 7, 7
Mondwurf, C., see Stolze, H. 7, 125
Morag, E., see van Deursen, R.W. 7, 214
Morris, M.E., see Dodd, K.J. 7, 243
Mueller, M.J., G.B. Salsich, A.J. Bastian, Differences in the gait characteristics of people with diabetes and transmetatarsal amputation compared with age-matched controls 7, 200
Mulder, T., see Van de Crommert, H.W. 7, 251

Nagasaki, H., see Sekiya, N. 7, 225
Novacheck, T.F., The biomechanics of running 7, 77

Pammer, S.E., see Cavanagh, P.R. 7, 191
Perry, J.E., see Cavanagh, P.R. 7, 191
Popov, K., see Lekhel, H. 7, 228

Riley, P.O., see Casey Kerrigan, D. 7, 117
Rutgers, A.W., see Zijlstra, W. 7, 53

Salo, A., see Grimshaw, P.N. 7, 7
Salsich, G.B., see Mueller, M.J. 7, 200
Savelberg, H.H., M.A. Vorstenbosch, E.H. Kamman, J.G. van de Weijer, H.C. Schambardt, Intra-stride belt-speed variation affects treadmill locomotion 7, 26
Schambardt, H.C., see Savelberg, H.H. 7, 26
Schultz, A.B., see Cao, C. 7, 45
Schultz, A.B., see Speers, R.A. 7, 207
Sekiya, N., H. Nagasaki, Reproducibility of the walking patterns of normal young adults: test-retest reliability of the walk ratio(step-length/step-rate) 7, 225
Sparrow, W.A., see Begg, R.K. 7, 99
Speers, R.A., J.A. Ashton-Miller, A.B. Schultz, N.B. Alexander, Age differences in abilities to perform tandem stand and walk tasks of graded difficulty 7, 207
S. Roth, R., see Casey Kerrigan, D. 7, 117

PII S0966-6362(98)00021-6

Stokes, V.P., A. Thorstensson, H. Lanshammar, From stride period to stride frequency **7**, 35
Stolze, H., J.P. Kuhtz-Buschbeck, C. Mondwurf, K. Jöhnk, L. Friege, Retest reliability of spatiotemporal gait parameters in children and adults **7**, 125

Thorstensson, A., see Stokes, V.P. **7**, 35

Ulbrecht, J.S., see Cavanagh, P.R. **7**, 191

Van de Crommert, H.W., see Duysens, J. **7**, 131
Van de Crommert, H.W., T. Mulder, J. Duysens, Neural control of locomotion: sensory control of the central pattern generator and its relation to treadmill training **7**, 251
van Deursen, R.W., T.W. Flynn, J.L. McCrory, E. Morag, Does a single control mechanism exist for both forward and backward walking? **7**, 214
van de Weijer, J.G., see Savelberg, H.H. **7**, 26
Van Weerden, T.W., see Zijlstra, W. **7**, 53
Vorstenbosch, M.A., see Savelberg, H.H. **7**, 26

Wrigley, T.V., see Dodd, K.J. **7**, 243
Wu, G., Examination of trial-independent characteristics of body kinematics in response to similar postural perturbations **7**, 110

Zijlstra, W., A.W. Rutgers, T.W. Van Weerden, Voluntary and involuntary adaptation of gait in Parkinson's disease **7**, 53

ELSEVIER

Gait and Posture 7 (1998) 269–270

GAIT & POSTURE

Subject index

Volume 7 (1998)

Adaptation; Postural control; Proprioception; Vision **7**, 64
Adaptation; Trial-independence; Time-varying; Dynamic posture; Kinematics **7**, 110
Aging; Balance; Tandem stand; Tandem walk; Graded difficulty **7**, 207
Amputation; Walking; Foot; Diabetes; Human **7**, 200

Balance; Tandem stand; Tandem walk; Graded difficulty; Aging **7**, 207
Biomechanics; Running; Kinematics; Kinetics; Electromyography; Energy; Injury **7**, 77

Cat; Human; Locomotion; Spinal cord; Central pattern generator (CPG); Spinal cord injury (SCI) **7**, 131
Cat; Human; Locomotion; Spinal cord; Central pattern generator; Sensory control; Spinal cord injury; Treadmill training; Rehabilitation **7**, 251
Central pattern generator (CPG); Human; Cat; Locomotion; Spinal cord; Spinal cord injury (SCI) **7**, 131
Central pattern generator; Human; Cat; Locomotion; Spinal cord; Sensory control; Spinal cord injury; Treadmill training; Rehabilitation **7**, 251
Central pattern generators; Forward and backward walking; Gait control **7**, 214
Children; Walking gait; Kinematics; Cross-sectional measures; Repeated measures **7**, 7
Control; Gait; Falls; Impulse; Kinetic; Obstacles **7**, 99
Cross-sectional measures; Walking gait; Children; Kinematics; Repeated measures **7**, 7

Data graphics; Gait; Rehabilitation; Star diagram; Signal coding **7**, 39
Diabetes; Gait; Variability; Neuropathy; Plantar pressure **7**, 191
Diabetes; Walking; Foot; Amputation; Human **7**, 200
Dynamic posture; Adaptation; Trial-independence; Time-varying; Kinematics **7**, 110

Electromyography; Running; Biomechanics; Kinematics; Kinetics; Energy; Injury **7**, 77
Energy exchange; Kinematics; Overground locomotion; Walking; Running **7**, 26
Energy; Running; Biomechanics; Kinematics; Kinetics; Electromyography; Injury **7**, 77
Exteroceptive reflexes; Human gait; Sural nerve; Reflex gain; Medial gastrocnemius; Lateral gastrocnemius; Hopping **7**, 16

Falls; Gait; Impulse; Kinetic; Obstacles; Control **7**, 99
Falls; Older adults; Gait; Stopping **7**, 45
Foot; Walking; Amputation; Diabetes; Human **7**, 200
Forward and backward walking; Gait control; Central pattern generators **7**, 214
Forward dynamics; Simulation; Spastic paretic stiff-legged gait **7**, 117

Gait analysis; Reliability; Retest; Walkway **7**, 125
Gait analysis; Segment power; Joint power; Power imbalance; Joint gap **7**, 237
Gait control; Forward and backward walking; Central pattern generators **7**, 214
Gait; Falls; Impulse; Kinetic; Obstacles; Control **7**, 99
Gait; Locomotion; Pelvis; Physical therapy **7**, 243
Gait; Older adults; Stopping; Falls **7**, 45
Gait; Rehabilitation; Star diagram; Signal coding; Data graphics **7**, 39
Gait; Stride-cycle; Stride frequency; Stride period; Locomotion; Human **7**, 35
Gait; Variability; Neuropathy; Diabetes; Plantar pressure **7**, 191
Graded difficulty; Balance; Tandem stand; Tandem walk; Aging **7**, 207

Hopping; Human gait; Sural nerve; Reflex gain; Exteroceptive reflexes; Medial gastrocnemius; Lateral gastrocnemius **7**, 16
Human; Cat; Locomotion; Spinal cord; Central pattern generator (CPG); Spinal cord injury (SCI) **7**, 131
Human; Cat; Locomotion; Spinal cord; Central pattern generator; Sensory control; Spinal cord injury; Treadmill training; Rehabilitation **7**, 251
Human gait; Sural nerve; Reflex gain; Exteroceptive reflexes; Medial gastrocnemius; Lateral gastrocnemius; Hopping **7**, 16
Human; Posture; Vestibular system; Proprioception; Muscle vibration; Spatial orientation **7**, 228
Human; Stride-cycle; Stride frequency; Stride period; Gait; Locomotion **7**, 35
Human; Walking; Foot; Amputation; Diabetes **7**, 200

Impulse; Gait; Falls; Kinetic; Obstacles; Control **7**, 99
Injury; Running; Biomechanics; Kinematics; Kinetics; Electromyography; Energy **7**, 77

Joint gap; Gait analysis; Segment power; Joint power; Power imbalance **7**, 237
Joint power; Gait analysis; Segment power; Power imbalance; Joint gap **7**, 237

Kinematics; Adaptation; Trial-independence; Time-varying; Dynamic posture **7**, 110
Kinematics; Energy exchange; Overground locomotion; Walking; Running **7**, 26
Kinematics; Running; Biomechanics; Kinetics; Electromyography; Energy; Injury **7**, 77

PII S0966-6362(98)00022-8

Kinematics; Walking gait; Children; Cross-sectional measures; Repeated measures **7**, 7
Kinetic; Gait; Falls; Impulse; Obstacles; Control **7**, 99
Kinetics; Running; Biomechanics; Kinematics; Electromyography; Energy; Injury **7**, 77

Lateral gastrocnemius; Human gait; Sural nerve; Reflex gain; Exteroceptive reflexes; Medial gastrocnemius; Hopping **7**, 16
Locomotion; Gait; Pelvis; Physical therapy **7**, 243
Locomotion; Human; Cat; Spinal cord; Central pattern generator (CPG); Spinal cord injury (SCI) **7**, 131
Locomotion; Human; Cat; Spinal cord; Central pattern generator; Sensory control; Spinal cord injury; Treadmill training; Rehabilitation **7**, 251
Locomotion; Parkinson's disease; Treadmill walking **7**, 53
Locomotion; Stride-cycle; Stride frequency; Stride period; Gait; Human **7**, 35

Medial gastrocnemius; Human gait; Sural nerve; Reflex gain; Exteroceptive reflexes; Lateral gastrocnemius; Hopping **7**, 16
Muscle vibration; Posture; Vestibular system; Proprioception; Spatial orientation; Human **7**, 228

Neuropathy; Gait; Variability; Diabetes; Plantar pressure **7**, 191

Obstacles; Gait; Falls; Impulse; Kinetic; Control **7**, 99
Older adults; Gait; Stopping; Falls **7**, 45
Overground locomotion; Kinematics; Energy exchange; Walking; Running **7**, 26

Parkinson's disease; Locomotion; Treadmill walking **7**, 53
Pelvis; Gait; Locomotion; Physical therapy **7**, 243
Physical therapy; Gait; Locomotion; Pelvis **7**, 243
Plantar pressure; Gait; Variability; Neuropathy; Diabetes **7**, 191
Postural control; Adaptation; Proprioception; Vision **7**, 64
Posture; Vestibular system; Proprioception; Muscle vibration; Spatial orientation; Human **7**, 228
Power imbalance; Gait analysis; Segment power; Joint power; Joint gap **7**, 237
Proprioception; Postural control; Adaptation; Vision **7**, 64
Proprioception; Posture; Vestibular system; Muscle vibration; Spatial orientation; Human **7**, 228

Reflex gain; Human gait; Sural nerve; Exteroceptive reflexes; Medial gastrocnemius; Lateral gastrocnemius; Hopping **7**, 16
Rehabilitation; Gait; Star diagram; Signal coding; Data graphics **7**, 39
Rehabilitation; Human; Cat; Locomotion; Spinal cord; Central pattern generator; Sensory control; Spinal cord injury; Treadmill training **7**, 251
Reliability; Gait analysis; Retest; Walkway **7**, 125
Reliability; Walking pattern; Walk ratio **7**, 225
Repeated measures; Walking gait; Children; Kinematics; Cross-sectional measures **7**, 7
Retest; Gait analysis; Reliability; Walkway **7**, 125
Running; Biomechanics; Kinematics; Kinetics; Electromyography; Energy; Injury **7**, 77
Running; Kinematics; Energy exchange; Overground locomotion; Walking **7**, 26

Segment power; Gait analysis; Joint power; Power imbalance; Joint gap **7**, 237
Sensory control; Human; Cat; Locomotion; Spinal cord; Central pattern generator; Spinal cord injury; Treadmill training; Rehabilitation **7**, 251
Signal coding; Gait; Rehabilitation; Star diagram; Data graphics **7**, 39
Simulation; Forward dynamics; Spastic paretic stiff-legged gait **7**, 117
Spastic paretic stiff-legged gait; Simulation; Forward dynamics **7**, 117
Spatial orientation; Posture; Vestibular system; Proprioception; Muscle vibration; Human **7**, 228
Spinal cord; Human; Cat; Locomotion; Central pattern generator (CPG); Spinal cord injury (SCI) **7**, 131
Spinal cord; Human; Cat; Locomotion; Central pattern generator; Sensory control; Spinal cord injury; Treadmill training; Rehabilitation **7**, 251
Spinal cord injury; Human; Cat; Locomotion; Spinal cord; Central pattern generator; Sensory control; Treadmill training; Rehabilitation **7**, 251
Spinal cord injury (SCI); Human; Cat; Locomotion; Spinal cord; Central pattern generator (CPG) **7**, 131
Star diagram; Gait; Rehabilitation; Signal coding; Data graphics **7**, 39
Stopping; Older adults; Gait; Falls **7**, 45
Stride-cycle; Stride frequency; Stride period; Gait; Locomotion; Human **7**, 35
Stride frequency; Stride-cycle; Stride period; Gait; Locomotion; Human **7**, 35
Stride period; Stride-cycle; Stride frequency; Gait; Locomotion; Human **7**, 35
Sural nerve; Human gait; Reflex gain; Exteroceptive reflexes; Medial gastrocnemius; Lateral gastrocnemius; Hopping **7**, 16

Tandem stand; Balance; Tandem walk; Graded difficulty; Aging **7**, 207
Tandem walk; Balance; Tandem stand; Graded difficulty; Aging **7**, 207
Time-varying; Adaptation; Trial-independence; Dynamic posture; Kinematics **7**, 110
Treadmill training; Human; Cat; Locomotion; Spinal cord; Central pattern generator; Sensory control; Spinal cord injury; Rehabilitation **7**, 251
Treadmill walking; Parkinson's disease; Locomotion **7**, 53
Trial-independence; Adaptation; Time-varying; Dynamic posture; Kinematics **7**, 110

Variability; Gait; Neuropathy; Diabetes; Plantar pressure **7**, 191
Vestibular system; Posture; Proprioception; Muscle vibration; Spatial orientation; Human **7**, 228
Vision; Postural control; Adaptation; Proprioception **7**, 64

Walking; Foot; Amputation; Diabetes; Human **7**, 200
Walking gait; Children; Kinematics; Cross-sectional measures; Repeated measures **7**, 7
Walking; Kinematics; Energy exchange; Overground locomotion; Running **7**, 26
Walking pattern; Walk ratio; Reliability **7**, 225
Walk ratio; Walking pattern; Reliability **7**, 225
Walkway; Gait analysis; Reliability; Retest **7**, 125

Spastic paretic stiff-legged gait; Simulation; Forward dynamics **7**, 117

Spatial orientation; Posture; Vestibular system; Proprioception; Muscle vibration; Human **7**, 228

Spinal cord; Human; Cat; Locomotion; Central pattern generator (CPG); Spinal cord injury (SCI) **7**, 131

Spinal cord; Human; Cat; Locomotion; Central pattern generator; Sensory control; Spinal cord injury; Treadmill training; Rehabilitation **7**, 251

Spinal cord injury; Human; Cat; Locomotion; Spinal cord; Central pattern generator; Sensory control; Treadmill training; Rehabilitation **7**, 251

Spinal cord injury (SCI); Human; Cat; Locomotion; Spinal cord; Central pattern generator (CPG) **7**, 131

Star diagram; Gait; Rehabilitation; Signal coding; Data graphics **7**, 39

Stopping; Older adults; Gait; Falls **7**, 45

Stride-cycle; Stride frequency; Stride period; Gait; Locomotion; Human **7**, 35

Stride frequency; Stride-cycle; Stride period; Gait; Locomotion; Human **7**, 35

Stride period; Stride-cycle; Stride frequency; Gait; Locomotion; Human **7**, 35

Sural nerve; Human gait; Reflex gain; Exteroceptive reflexes; Medial gastrocnemius; Lateral gastrocnemius; Hopping **7**, 16

Tandem stand; Balance; Tandem walk; Graded difficulty; Aging **7**, 207

Tandem walk; Balance; Tandem stand; Graded difficulty; Aging **7**, 207

Time-varying; Adaptation; Trial-independence; Dynamic posture; Kinematics **7**, 110

Treadmill training; Human; Cat; Locomotion; Spinal cord; Central pattern generator; Sensory control; Spinal cord injury; Rehabilitation **7**, 251

Treadmill walking; Parkinson's disease; Locomotion **7**, 53

Trial-independence; Adaptation; Time-varying; Dynamic posture; Kinematics **7**, 110

Variability; Gait; Neuropathy; Diabetes; Plantar pressure **7**, 191

Vestibular system; Posture; Proprioception; Muscle vibration; Spatial orientation; Human **7**, 228

Vision; Postural control; Adaptation; Proprioception **7**, 64

Walking; Foot; Amputation; Diabetes; Human **7**, 200

Walking gait; Children; Kinematics; Cross-sectional measures; Repeated measures **7**, 7

Walking; Kinematics; Energy exchange; Overground locomotion; Running **7**, 26

Walking pattern; Walk ratio; Reliability **7**, 225

Walk ratio; Walking pattern; Reliability **7**, 225

Walkway; Gait analysis; Reliability; Retest **7**, 125